

FIG. 1
RELATED ART



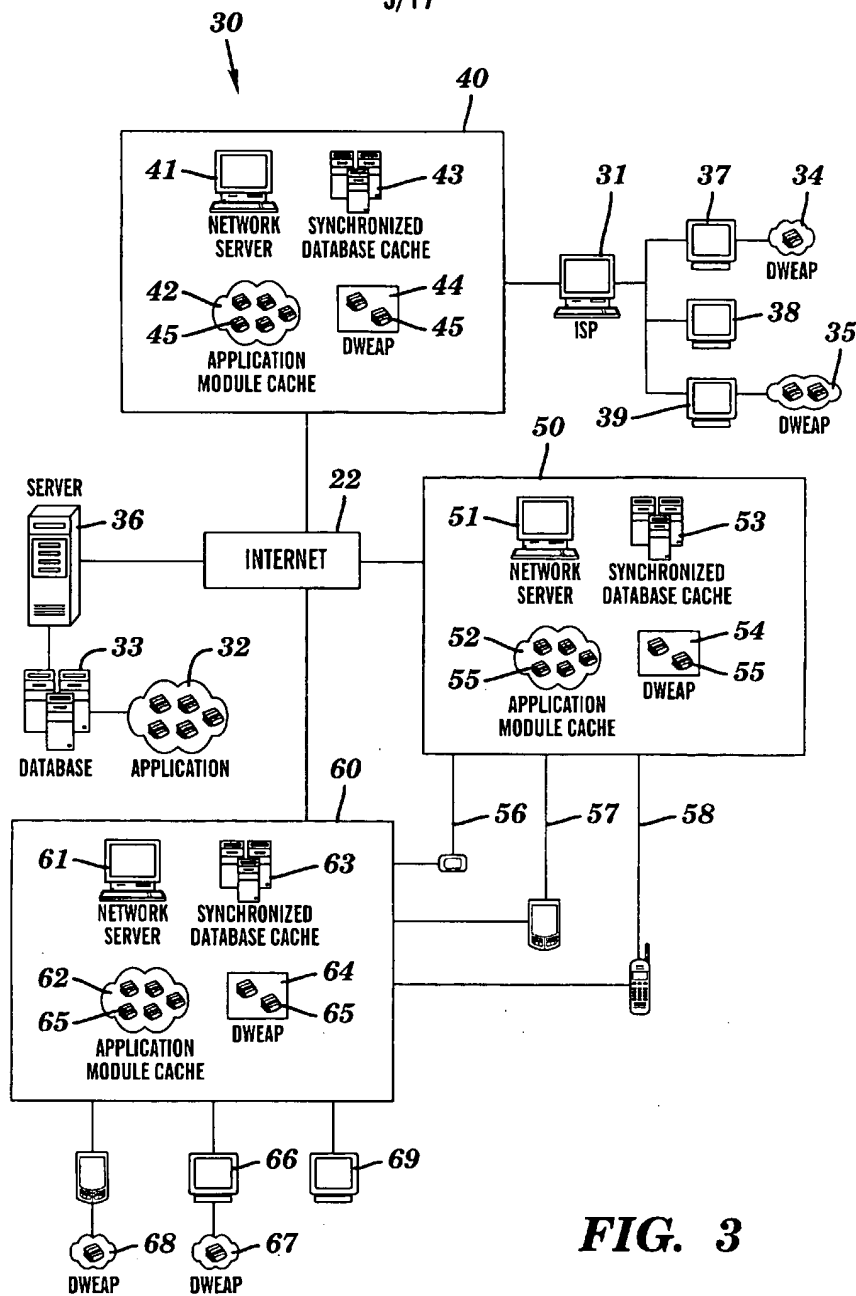


FIG. 3

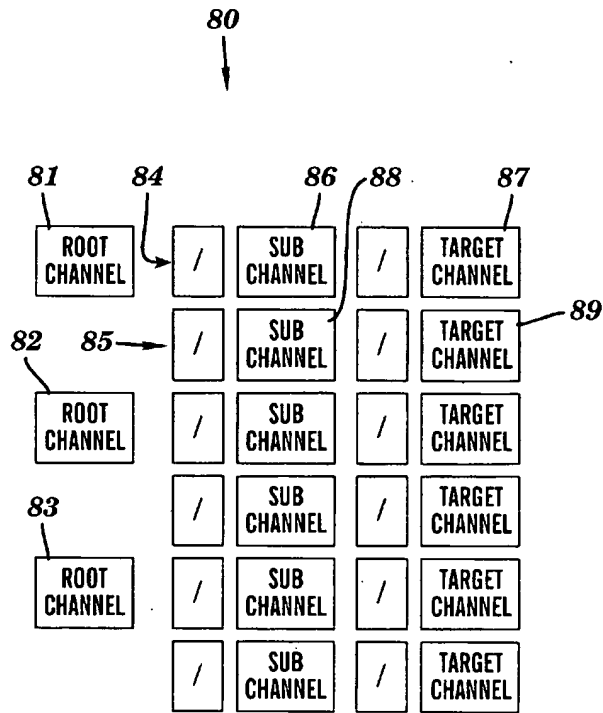


FIG. 4

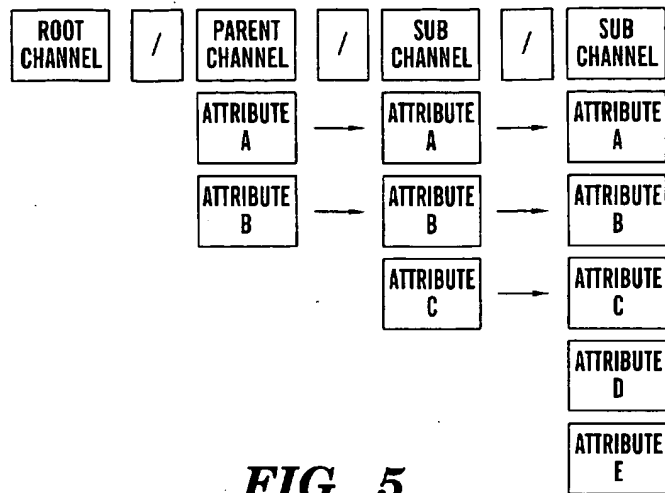


FIG. 5

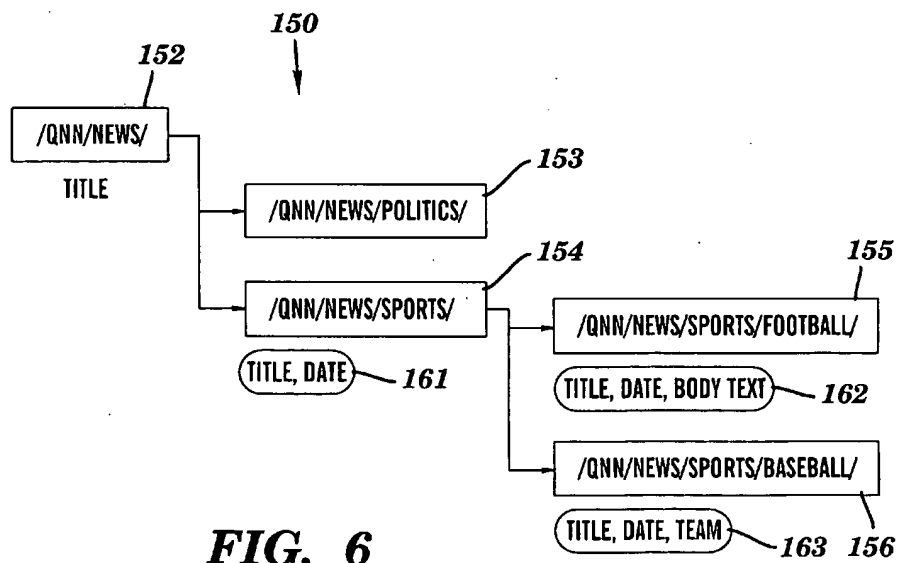
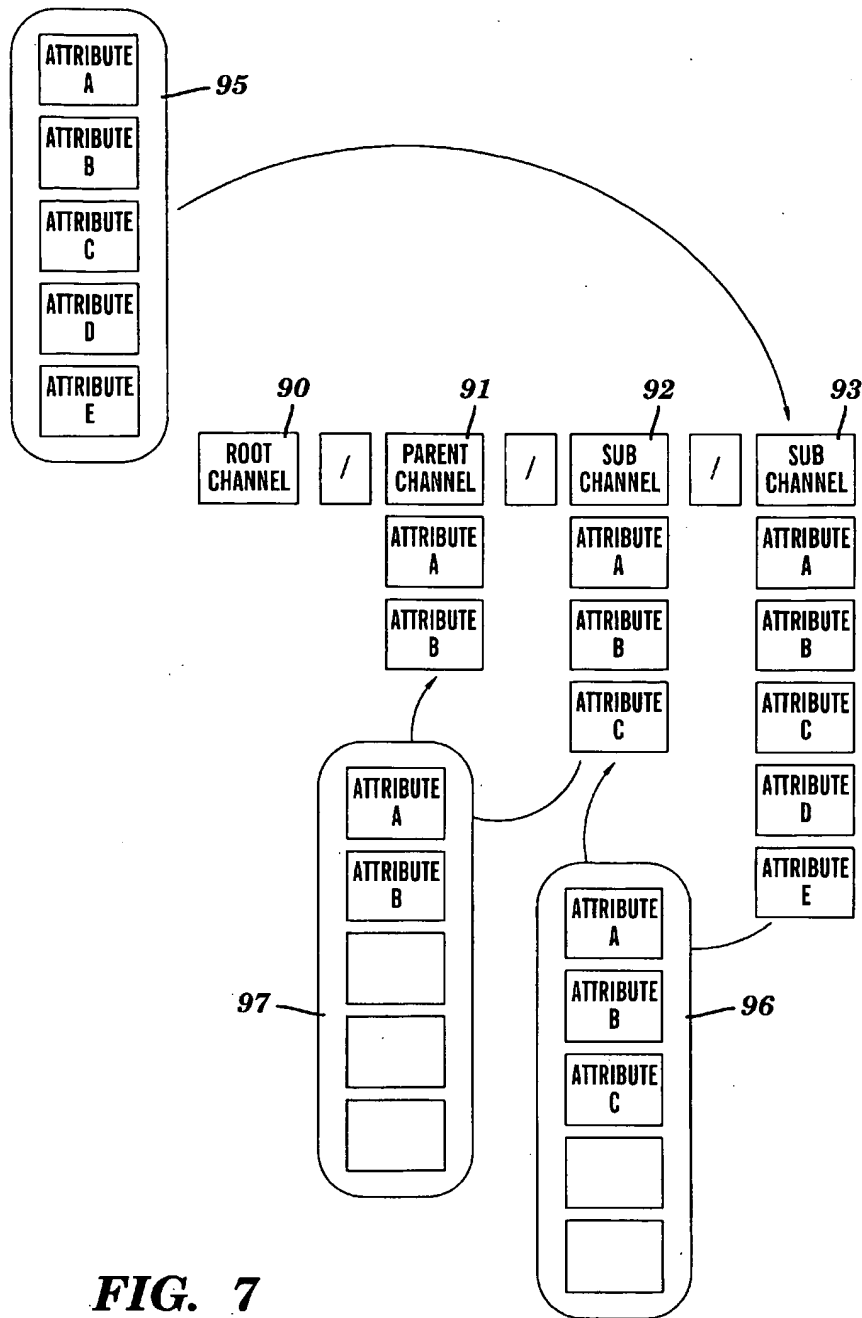


FIG. 6



CONTENT-CACHE**GET /CLIENT-NAME/CHANNEL-PATH/TARGET-TYPE**

RETURNS A STATIC OBJECT SUCH AS A GRAPHICS FILE OR DOWNLOADABLE FILE.

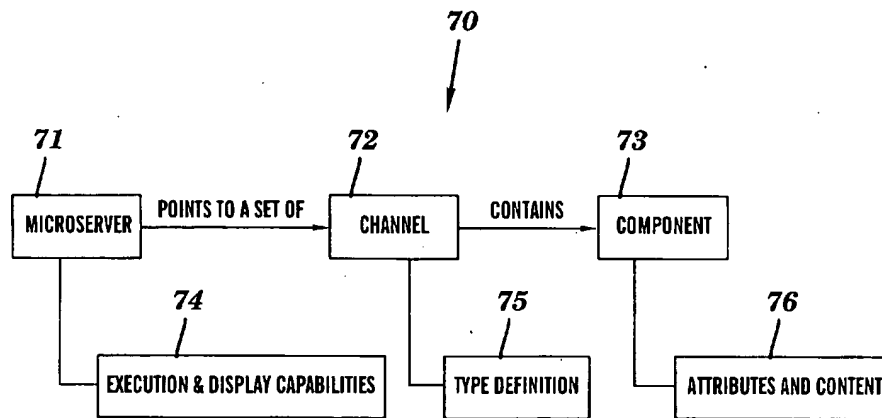
BORDER EXECUTION**GET /CLIENT-NAME/CHANNEL-PATH/TARGET.JAVA**

A REQUEST FOR AN EXECUTABLE OBJECT RESULTS IN THE BORDER-EXECUTION OF THAT OBJECT. THESE ARE WRITTEN AS JAVA SERVLETS.

MESSAGING**GET /CLIENT-NAME/CHANNEL-PATH?METHOD & ATTRIBUTES...**

DIRECTLY REFERENCES A TOPIC. NOTE THERE IS NO FILE EXTENSION.

METHOD=CreateChannel
CREATES A SUBCHANNEL OF THE CURRENT CHANNEL
ATTRIBUTES: NAME OF SUBCHANNELMETHOD=SubscribeChannel
SUBSCRIBES THE CURRENT CHANNEL TO THE SPECIFIED CHANNEL
ATTRIBUTES: NONEMETHOD=UnsubscribeChannel
UNSUBSCRIBES THE CURRENT CHANNEL FROM THE SPECIFIED CHANNEL
ATTRIBUTES: NONEMETHOD=QueryChannel
RETURNS DATA ABOUT CHANNEL AND SUBCHANNEL
ATTRIBUTES: NONEMETHOD=DestroyChannel
DESTROYS THE SPECIFIED CHANNEL
ATTRIBUTES: NONEMETHOD=PublishObject
NEW CONTENT IN THE CHANNEL NEEDS REFRESH
ATTRIBUTES: PATH TO OBJECT THAT NEEDS REFRESH**FIG. 8**

**FIG. 9**

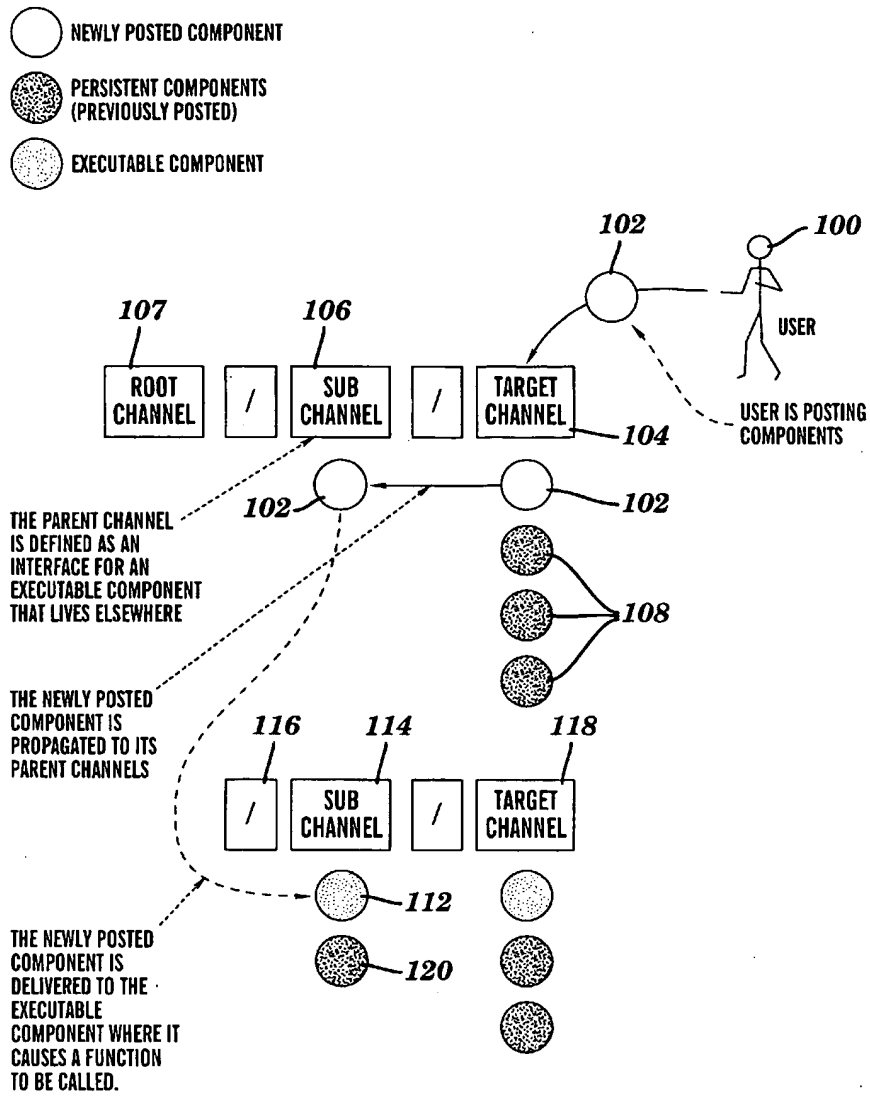
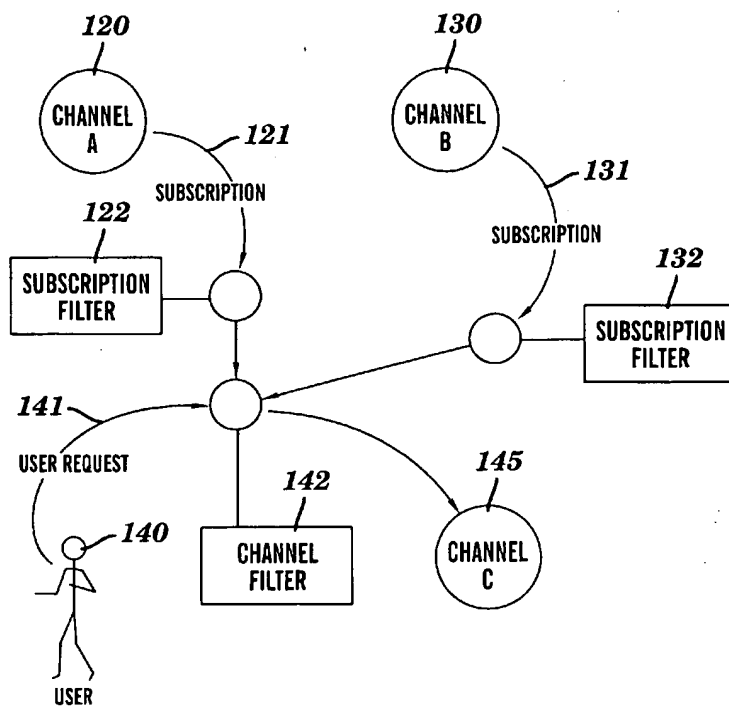
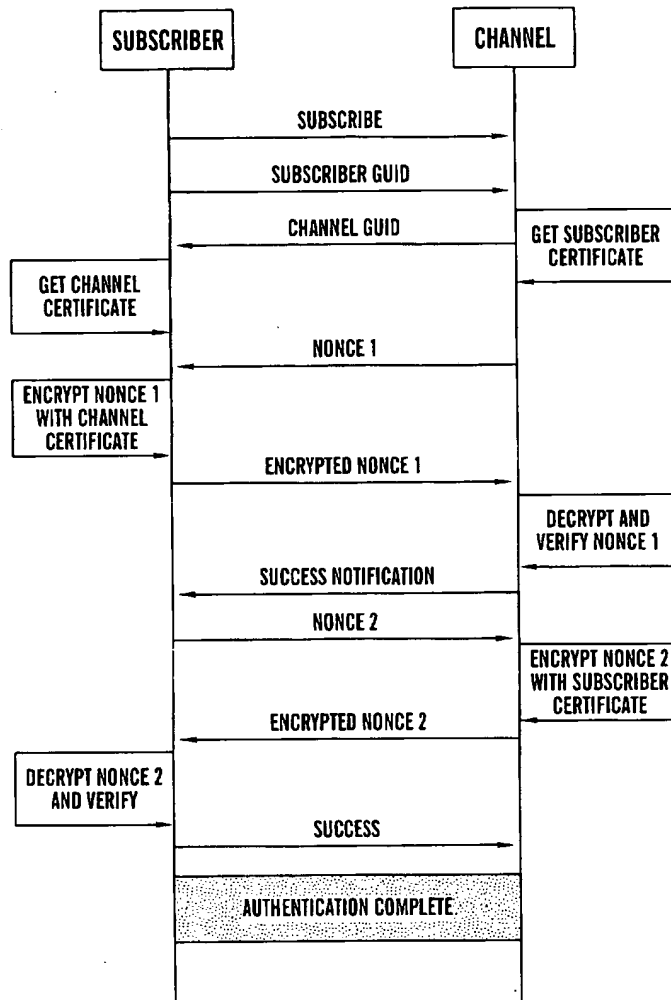
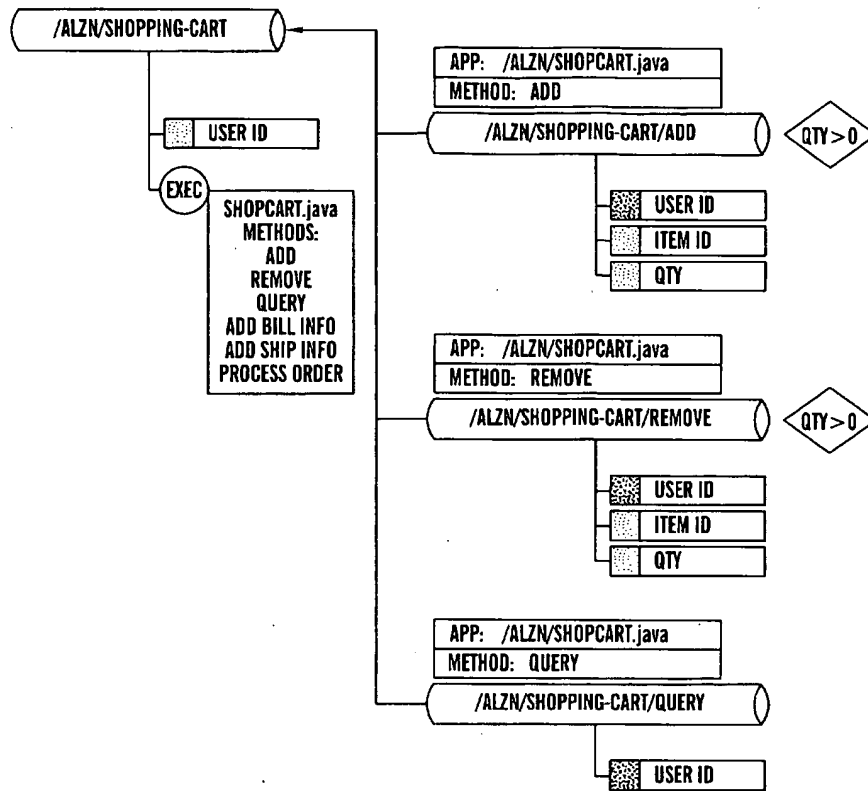


FIG. 10

**FIG. 11**

**FIG. 12**

**FIG. 13**

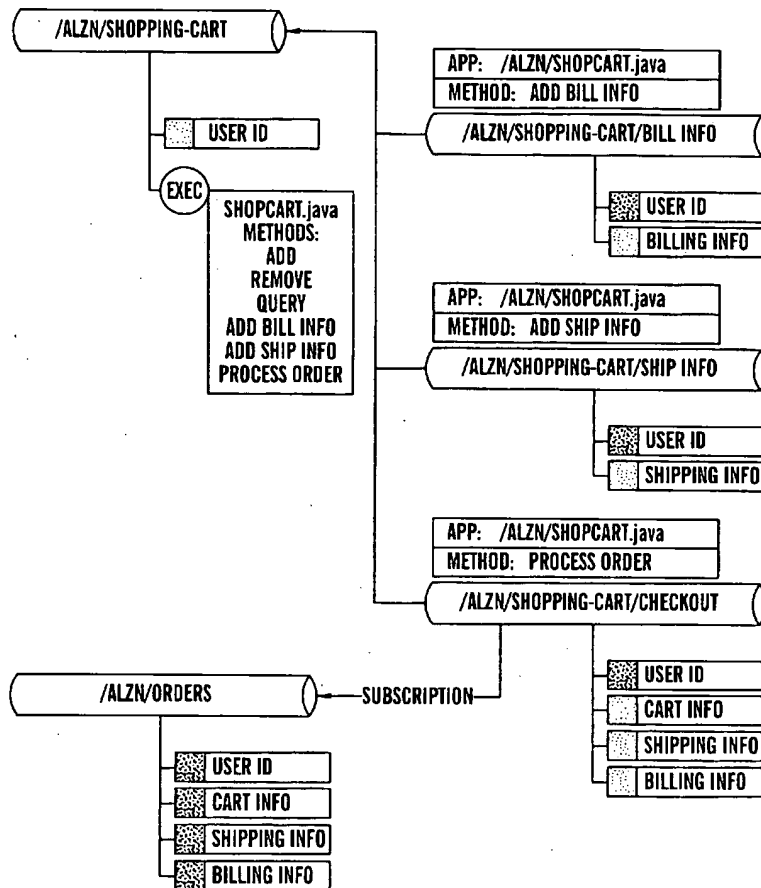


FIG. 14

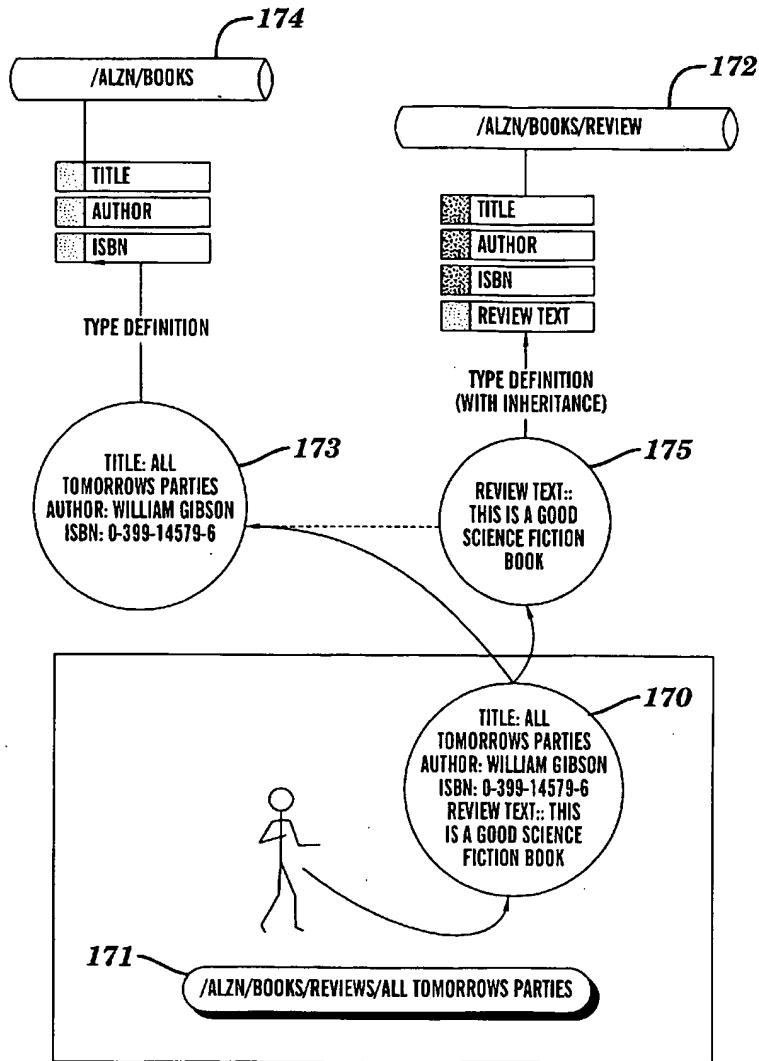
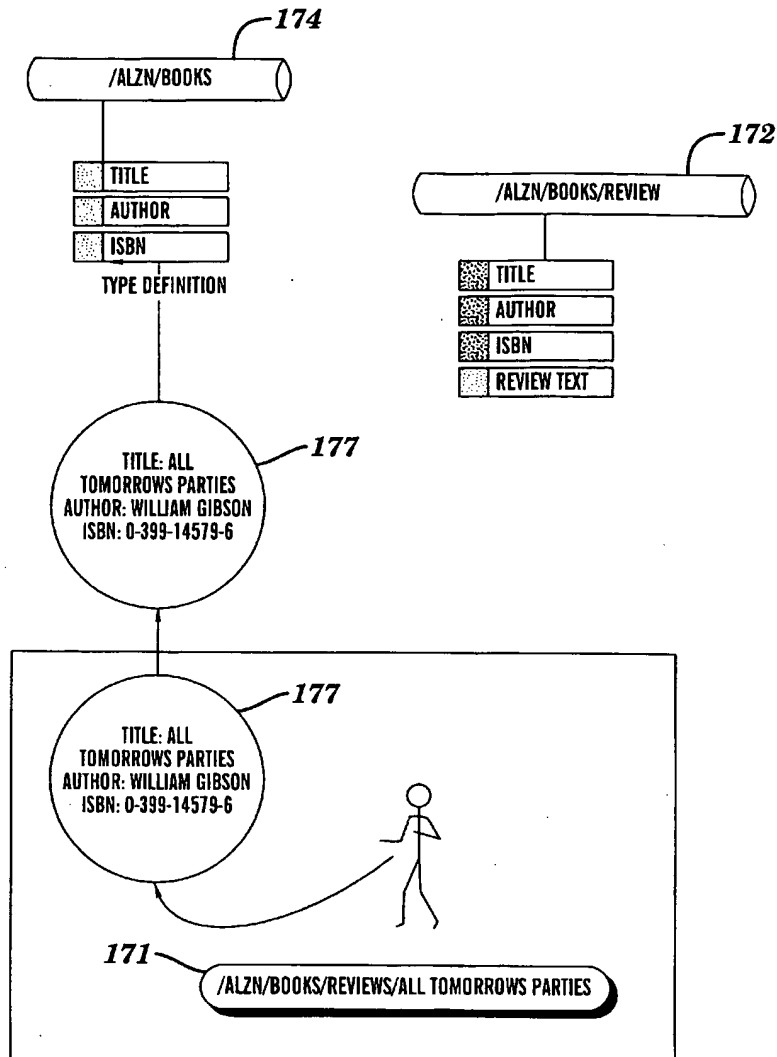


FIG. 15

**FIG. 16**

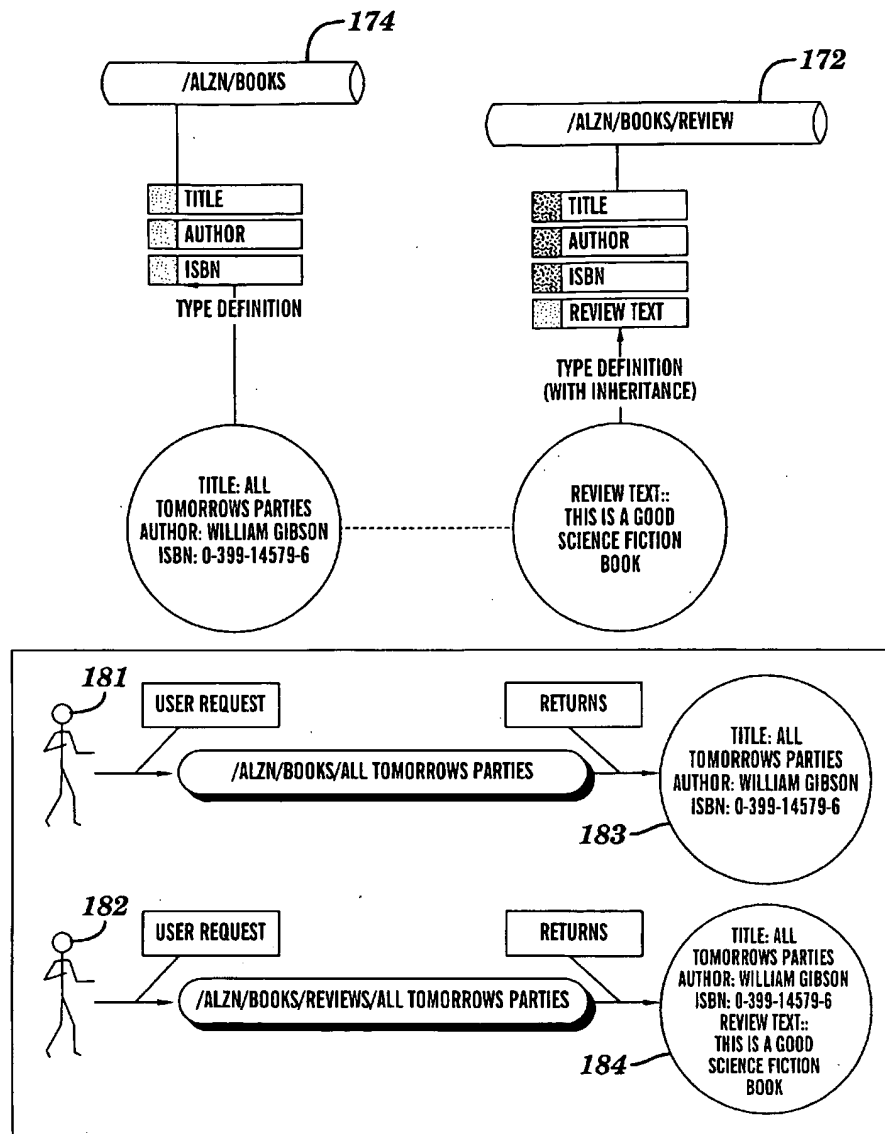
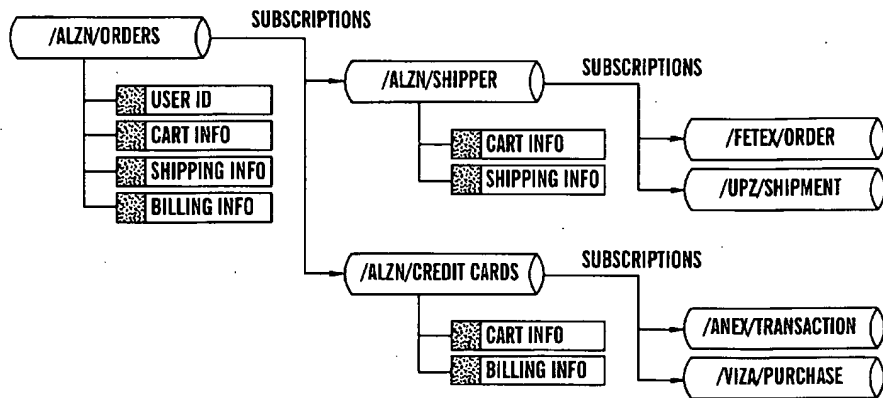


FIG. 17

**FIG. 18**